

UPUTSTVO ZA UPOTREBU (SRB)

Chromogenic Candida Agar Plate

Za brzu izolaciju i diferencijaciju Candida vrsta iz mešane kulture.

Sadržaj pakovanja:

Šifra artikla (pakovanja) REF	Opis	Šifra primarnog pakovanja:	Broj podloga
PRM1297AV20	Podloga izlivena u petri posudama od ø90	PRM1297A	20
PRM1297AV60			60
PRM1297AV240			240
PRM1297AM40	Podloga izlivena u petri posudama od ø50		40

Uputstva

Pod aseptičnim uslovima inokulisati ploču metodom površinskog zasejavanja. Nakon inkubacije posmatrati rast i boju kolonija.

Princip i interpretacija

Prema Perry-ju i Miller-u (1), Candida albicans proizvodi enzim β-N-acetil-galaktozaminidazu. Prema Rousselle-u i sar. (2) dodavanje hromogenih ili fluorogenih heksozaminidaza u podlogu za rast doprinosi identifikaciji sojeva Candida albicans, direktno u primarnoj fazi. Hromogeni Candida Diferencijalni Agar je selektivna i diferencijalna podloga koja omogućava brzu izolaciju gljivica iz mešane kulture i diferencijaciju Candida vrsta, tj. C.albicans, C.krusei, C.tropicalis i C. glabrata, na osnovu boje i morfologije kolonija. Na ovoj podlozi rezultati se dobijaju za 48 sati što je veoma korisno za brzu i verovatnu identifikaciju gljivica uobičajenih za mikološke i kliničke mikrobiološke laboratorije.

Pepton i ekstrakt kvasca obezbeđuju azotna i ugljenikova jedinjenja, kao i druge esencijalne faktore rasta. Fosfat puferuje podlogu. Hloramfenikol inhibira rast prateće bakterijske mikrobiote. C. albicans na podlozi daje svetlo zelene, glatke kolonije; C. tropicalis plave do metalik plave, uzdignute kolonije; kolonije C. glabrata su glatke, krem do bele boje, dok su kolonije C. krusei ljubičaste i čupave.

Kontrola kvaliteta

Podaci i rezultati kontrole kvaliteta dati su u sertifikatu analize za svaku seriju.

Skladištenje i rok upotrebe

Čuvati između 2-8°C. Upotrebiti pre isteka datuma označenog na nalepnici.

Mere predostrožnosti

Ovaj proizvod ne sadrži hazardne supstance u koncentracijama koje su iznad propisanih limita određenih važećim zakonskim regulativama i zato nije klasifikovan kao opasan. Ipak, preporučeno je slediti smernice iz bezbednosnog lista za pravilnu upotrebu. Ovaj proizvod je namenjen isključivo za upotrebu u laboratorijskim uslovima, od strane profesionalno obučene osobe.

Proizvod ne upotrebljavati ukoliko je primarno pakovanje oštećeno ili proizvod ne odgovara navedenim karakteristikama.

Odlaganje otpada

Odlaganje otpada mora biti u skladu sa nacionalnim i lokalnim regulativama koje su na snazi. Svaka laboratorija je odgovorna za rukovanje i odlaganje otpada koji nastaje u toku rada.

Upotrebljeni simboli

CE	Evropski znak usaglašenosti	↑↑	Držati uspravno
IVD	In vitro dijagnostičko medicinsko sredstvo	REF	Kataloški broj
☀	Ne izlagati direktno sunčevim zracima	LOT	Lot broj
📖	Konsultovati uputstvo za upotrebu	🕒	Rok upotebe
🚫	Ne koristiti više puta	🌡	Temperatura čuvanja
Σ	Veličina pakovanja	🏭	Proizvođač
EC REP	Ovlašćeni predstavnik u Evropskoj uniji		

EC REP	Salus Cons kft. 6722 Szeged, Bécsi krt 23, HUNGARY e-mail: office@saluscons.com
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Literatura

1. Perry J.L. and Miller G.R., (1987), J. Clin. Microbiol., 25:2424-2425.
2. Rousselle P., Freydiere A., Couillerot P., de Montclos H. and Gille Y., (1994), J. Clin. Microbiol., 32:3034-3036.

Broj rešenja o registraciji: 515-02-02534-22-003

INSTRUCTION FOR USE

(EN)

Chromogenic Candida Agar Plate

Medium is used for rapid isolation and differentiation of *Candida* species from mixed cultures.

Package contents:

Item code (packaging) REF	Description	Primary packaging code:	Number of products
PRM1297AV20	Substrate poured into petri dishes of ø90	PRM1297A	20
PRM1297AV60			60
PRM1297AV240			240
PRM1297AM40	Substrate poured into petri dishes of ø50		40

Directions

Surface spread the test inoculum aseptically on the plate. After incubation, observe growth and color of colonies.

Principle and interpretation

Perry and Miller (1) reported that *Candida albicans* produces an enzyme b-N-Acetyl-galactosaminidase. According to Rousselle et al (2) incorporation of chromogenic or fluorogenic hexosaminidase substrates into the growth medium helps in identification of *C. albicans* isolates directly on primary isolation. Chromogenic Candida Differential Agar is a selective and differential medium, which facilitates rapid isolation of yeasts from mixed cultures and allows differentiation of *Candida* species namely *C. albicans*, *C. krusei*, *C. tropicalis* and *C. glabrata* on the basis of colouration and colony morphology. On this medium results are obtained within 48 hours and it is useful for the rapid and presumptive identification of common yeasts in mycology and clinical microbiology laboratory.

Peptone special and yeast extract provides nitrogenous, carbonaceous compounds and other essential growth nutrients. Phosphate buffers the medium well. Chloramphenicol suppresses the accompanying bacterial flora. *C. albicans* appear as light green coloured smooth colonies, *C. tropicalis* appear as blue to metallic blue coloured raised colonies. *C. glabrata* colonies appear as cream to white smooth colonies, while *C. krusei* appear as purple fuzzy colonies.

Quality control

The data and results of quality control are given in the certificate of analysis for each lot.

Storage and shelf life

Storage between 2-8°C. Use before expiry date on the label.

Warning and precautions

In vitro diagnostic use only. Read the label before opening the container. Wear protective gloves/protective clothing/eye protection/ face protection. Follow good microbiological lab practices while handling specimens and culture. Standard precautions as per established guidelines should be followed while handling clinical specimens. Safety guidelines may be referred in individual safety data sheets.

Disposal

User must ensure safe disposal by autoclaving and/or incineration of used or unusable preparations of this product. Follow established laboratory procedures in disposing of infectious materials and material that comes into contact with clinical sample must be decontaminated and disposed of in accordance with current laboratory techniques.

Symbols used on labels

CE	European Conformity mark	↑↑	This side up
IVD	is an in vitro diagnostic medical device (IVD)	REF	Catalogue number
☀	Do not expose directly to sunlight	LOT	Batch code
📖	Consult instructions for use	🕒	Use-by date
⊗	Do not re-use	🌡	Temperature limit
Σ	Pack size	🏭	Manufacturer
EC REP	European Authorized Representative (Authorised Representative)		

EC REP	Salus Cons kft. 6722 Szeged, Bécsi krt 23, HUNGARY e-mail: office@saluscons.com
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Reference

1. Perry J. L. and Miller G. R., 1987, J. Clin. Microbiol., 25:2424-2425.
2. Rousselle P., Freydiere A., Couillerot P., de Montclos H. and Gille Y., 1994, J. Clin. Microbiol. 32:3034-3036.